Contents to Volume 25

Volume 25 No. 1 May 1992	
MOSHE FLATO, ELLIOTT LIEB, and SHING-TUNG YAU / Editorial	V
M. BORDAG, D. ROBASCHIK, and E. WIECZOREK / Problems with the $\zeta\textsc{-}$ Function Method	1
SERGEY A. MERKULOV / Quaternionic, Quaternionic Kähler, and Hyper-Kähler Supermanifolds	7
CHRISTOPHER KING / Scattering Theory for a Model of an Atom in a Quantized Field	17
MICHAEL O'CARROLL and EMMANUEL A. PEREIRA / Correlation Function Formulas for Some Infrared Asymptotic-Free Scalar Field Lattice Models via the Block Renormalization Group	29
G. BURDET and M. PERRIN / Gravitational Waves without Gravitons	39
LAWRENCE J. LANDAU / Experimental Tests of Distributivity	47
LU ZHI-CHENG / Star-Products and Phase Space Realizations of Quantum Groups	51
KLAUS BAUMANN / Quantum Fields in 1 + 1-Dimension Carrying a True Ray Representation of the Poincaré Group	61
PHILIPPE BONNEAU, MOSHÉ FLATO, and GEORGES PINCZON / A Natural and Rigid Model of Quantum Groups	75
Volume 25 No. 2 June 1992	
CH. OHN / A *-Product on SL(2) and the Corresponding Nonstandard Quantum-U($\mathfrak{sl}(2)$)	85
PAOLO CASATI and MARCO PEDRONI / Drinfeld-Sokolov Reduction on a Simple Lie Algebra from the Bihamiltonian Point of View	89
E. BUTUROVIĆ / Kazama-Suzuki Models as Shifted Bosonic Lattices	103
BENJAMIN ENRIQUEZ / Rational Forms for Twistings of Enveloping Algebras of Simple Lie Algebras	111
O. OGIEVETSKY and B. ZUMINO / Reality in the Differential Calculus on q -Euclidean Spaces	121
L. A. IBORT / Hyper-Kähler Induction and Self-duality on Riemann Surfaces	131
PETER SCHUPP, PAUL WATTS, and BRUNO ZUMINO / Differential Geometry on Linear Quantum Groups	139

LETTERS IN MATHEMATICAL PHYSICS

LORA NIKOLOVA and V. A. RIZOV / Generalized Connection Forms in the Unification of Gauge Interactions	149
HANS-WERNER WIESBROCK / A Comment on a Recent Work of Borchers	157
GÖRAN LINDBLAD / Fokker-Planck Equations for Eigenstate Distributions	161
Volume 25 No. 3 July 1992	
PIOTR STACHURA / Bicovariant Differential Calculi on $S_{\mu}U(2)$	175
A. D. LEWIS / Lagrangian Submanifolds and an Application to the Reduced Schrödinger Equation in Central Force Problems	189
KAZUYUKI FUJII / A Relation between Instantons of Grassmann $\sigma\textsc{-Models}$ and Toda Equations: II	203
PAUL MOLIN / Application of the Star-Product Method to the Angular Momentum Quantization	213
KLAUS CHANTELAU / On the Born-Oppenheimer Approximation for Excited States of Polyatomic Schrödinger Operators	227
YOUICHI SHIBUKAWA and KIMIO UENO / Completely $\mathbb Z$ metric R Matrix	239
M. FANNES, B. NACHTERGAELE, and R. F. WERNER / Abundance of Translation Invariant Pure States on Quantum Spin Chains	249
Volume 25 No. 4 August 1992	
L. A. PASTUR / On the Universality of the Level Spacing Distribution for Some Ensembles of Random Matrices	259
XUE PING WANG / On the Three-Body Long-Range Scattering Problems	267
HONG-CHEN FU and MO-LIN GE / Construction of Cyclic Representations of Quantum Algebras at $q^p = 1$ from their Regular Representations	277
P. B. KURASOV / Zero-Range Potentials with Internal Structures and the Inverse Scattering Problem	287
S. A. VUGALTER and G. M. ZHISLIN / On the Finiteness of the Discrete Spectrum of Hamiltonians for Quantum Systems of Three One- or Two-Dimensional Particles	299
MATTHIAS MAISCHAK / The Gravitational Anomalies in de Sitter Space	307
R. B. ZHANG / Finite-Dimensional Representations of $U_q(osp(1/2n))$ and Its Connection with Quantum $so(2n+1)$	317
W. L. CHAN and ZHOU ZIXIANG / Line Soliton Solutions for a Generalized Davey-Stewartson Equation with Variable Coefficients	327

